

Converting Colors

YUV(56.9800, 3.4609, -36.8165)

Have a look what the booklet for
YUV(56.9800, 3.4609, -36.8165)
contains.

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Color

**YUV(56.9800, 3.4609,
-36.8165)**

Conversions

Conversions Part 1

Format	Color
Hex	0F4D40
RGB	15, 77, 64
RGB Percent	6%, 30%, 25%
CMY	0.9412, 0.6980, 0.7490
CMYK	0.81, 0.00, 0.17, 0.70
HSL	167°, 67%, 18%
HSV	167°, 81%, 30%
XYZ	3.7763, 5.7795, 5.7670
YIQ	56.9800, -32.7790, -17.1870

Conversions

Conversions Part 2

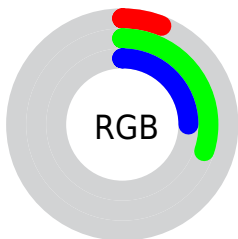
Format	Color
RYB	15, 50, 77
Decimal	1002816
CIELab	28.85, -22.70, 2.22
CIELCh	29, 22.810, 174.423
Yxy	5.7795, 0.2464, 0.3772
Android (android.graphics.Color)	4279192896 (0xFF0F4D40)
YUV	56.9800, 3.4609, -36.8165
Hunter-Lab	24.0405, -14.0321, 2.6055

Details

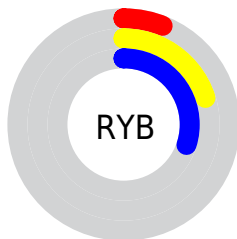
The YUV color **56.9800, 3.4609, -36.8165** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **35.0200, -3.4609, 36.8165**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.3610, 2.2870, -33.6426**, and **21.8790, 0.0597, -19.1879** is the 20% darker color. If you saturate the color by 10%, you get **54.3600, 3.7665, -41.5347**, and if you desaturate by 10%, it is **59.6000, 3.1552, -32.0982**.

Distribution



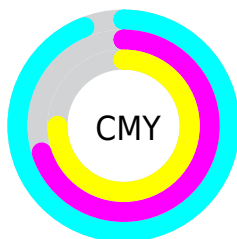
- Red (6%)
- Green (30%)
- Blue (25%)



- Red (6%)
- Yellow (20%)
- Blue (30%)



- Cyan (81%)
- Magenta (0%)
- Yellow (17%)
- Black (70%)



- Cyan (94%)
- Magenta (70%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.9800, 3.4609, -36.8165 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 56.9800, 3.4609, -36.8165 by changing the saturation by 10% instead.

■ 56.9800, 3.4609,
-36.8165

■ 56.9800, 3.4609,
-36.8165

255.0000, 0.0000,
0.0000

■ 36.4860, 2.7184,
-31.9982

■ 107.3610, 2.2870,
-33.6426

■ 21.8790, 0.0597,
-19.1879

■ 133.8340, 1.5608,
-34.0574

■ 0.0000, 0.0000,
0.0000

■ 160.4210, 1.2714,
-34.5722

■ 187.1220, 1.4189,
-35.1870

■ 215.1220, 1.4189,
-35.1870

■ 238.5400, 4.1708,

-31.1686

■ 247.8240, 3.5378,
-14.7546

■ 56.9800, 3.4609,
-36.8165

■ 56.9800, 3.4609,
-36.8165

■ 54.3600, 3.7665,
-41.5347

■ 59.6000, 3.1552,
-32.0982

■ 52.1530, 4.3616,
-45.7382

■ 61.8070, 2.5601,
-27.8947

■ 64.4270, 2.2545,
-23.1765

■ 66.9330, 1.5120,
-18.3582

■ 69.5530, 1.2064,
-13.6400

■ 71.8740, 1.0481,
-9.5365

■ 74.3800, 0.3057,
-4.7183

■ 77.0000, 0.0000,
0.0000

■ 79.3210, -0.1583,
4.1035

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



62.5390, -7.6607, -16.2587



56.9800, 3.4609, -36.8165



54.5470, 13.5343, -47.8377

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.9800, 3.4609, -36.8165



68.9900, 15.2879, -3.4992



68.1850, -13.8952, 23.5168

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



56.9800, 3.4609, -36.8165



35.0200, -3.4609, 36.8165

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.9390, -7.3649, 28.9945



56.9800, 3.4609, -36.8165



70.2050, 9.2659, 14.7292

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.9800, 3.4609, -36.8165



63.2860, 19.5790, -26.5608



69.5070, 1.2290, 25.8654



67.0220, -16.7728, 13.1357

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.9800, 3.4609, -36.8165



55.1000, 18.1917, -48.3227



69.5070, 1.2290, 25.8654



68.3640, -12.0115, 25.9908

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



56.9800, 3.4609, -36.8165



91.5530, 1.2064, -13.6400



55.2810, -19.8585, -23.9254



46.1730, 0.9007, -8.9217



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.9800, 3.4609, -36.8165



68.0160, 5.4151, -57.0190



47.8960, 14.3483, -28.8498



36.6900, 0.1528, -2.3591



69.1080, 5.8628, -60.6077



155.6440, 12.5005, -136.4998

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



35.0200, -3.4609, 36.8165



33.9840, -5.4151, 57.0190



44.1040, -14.3483, 28.8498



35.3100, -0.1528, 2.3591



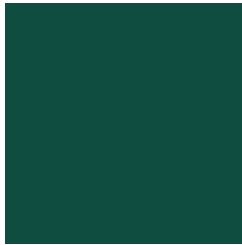
32.8920, -5.8628, 60.6077



74.2420, -12.9373, 136.5998

Previews

White Background



This preview shows how the YUV color 56.9800, 3.4609, -36.8165 looks on a white background.

Color Contrast Check

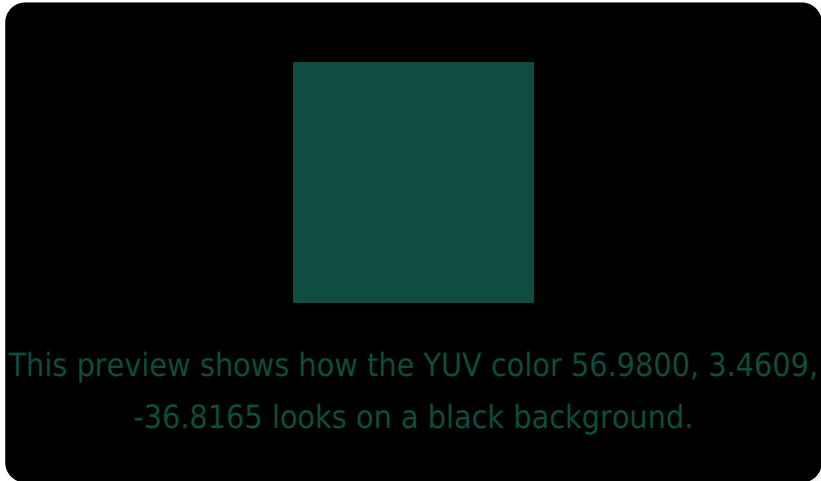
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

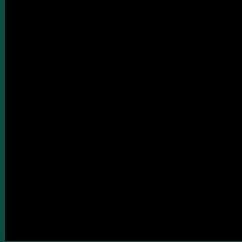
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 56.9800, 3.4609, -36.8165

Background



This preview shows how black text looks on a background with the YUV color 56.9800, 3.4609, -36.8165.



This preview shows how white text looks on a background with the YUV color 56.9800, 3.4609, -36.8165.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

56.9800, 3.4609, -36.8165

Protanopia

67.8710, -4.3734, 2.7441

Deuteranopia

68.6910, -1.3267, 5.5330



Tritanopia

61.0330, 9.8437, -30.7239

Trichromacy



Original Color

56.9800, 3.4609, -36.8165

Protanomaly

63.8800, -1.4198, -11.2958

Deuteranomaly

64.3470, 0.3219, -9.9513

Tritanomaly

59.7400, 7.5232, -33.0980

Monochromacy



Original Color

56.9800, 3.4609, -36.8165

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.9660, 1.4958, -13.1252

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.9800, 3.4609, -36.8165 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(15, 77, 64)` looks like.

```
.text, #text, p{  
    color:rgb(15, 77, 64)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(15, 77, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 77, 64) }
```

Border

The CSS property to change the border of an element to YUV 56.9800, 3.4609, -36.8165 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(15, 77, 64) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(15, 77, 64) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(15, 77, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 77, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 77, 64);  
box-shadow:4px 4px 4px 4px rgb(15, 77, 64)  
}
```

Background

The CSS property to change the background color of an element to YUV 56.9800, 3.4609, -36.8165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 77, 64) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(15, 77,  
64) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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